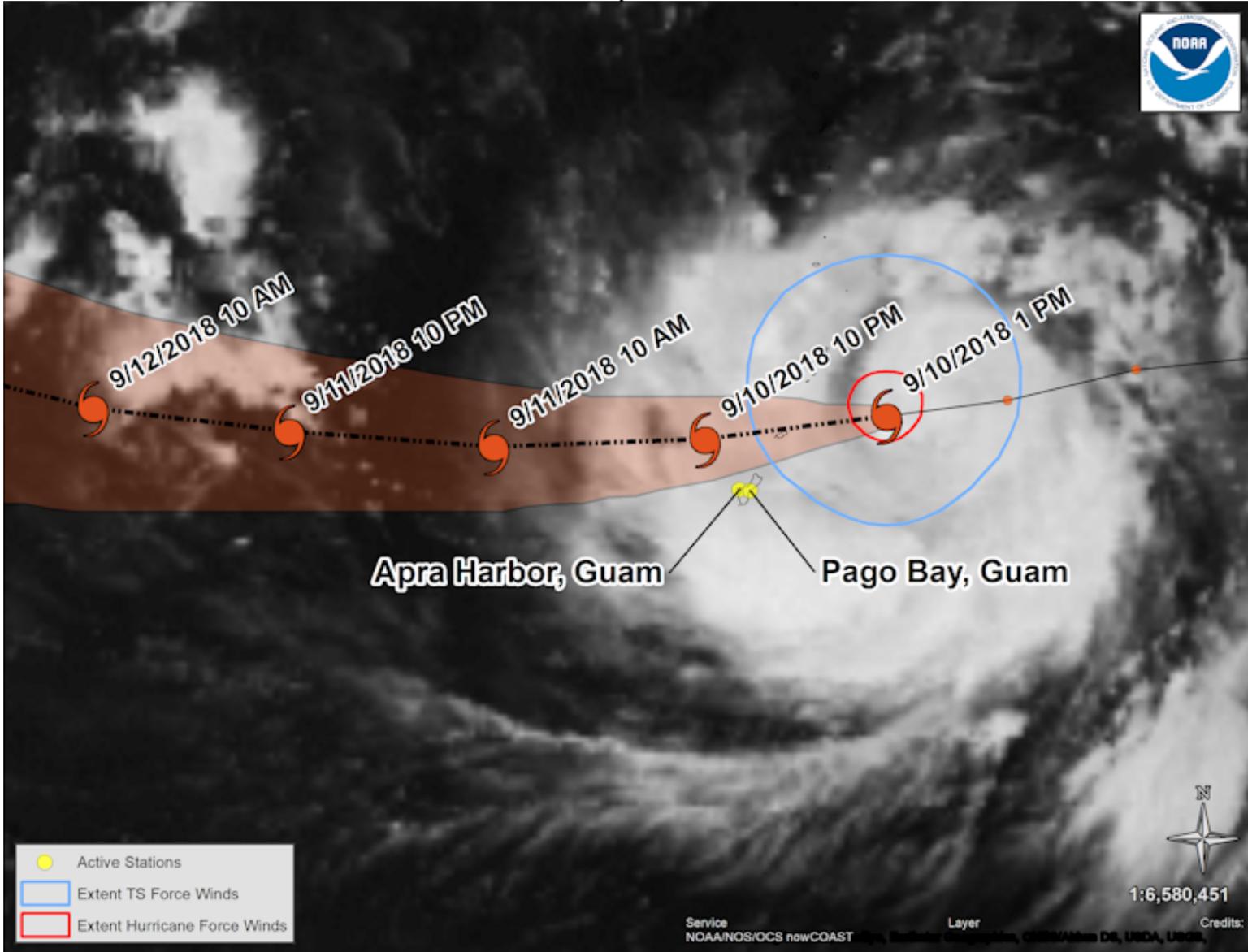


Typhoon Mangkhut QuickLook
Posted: 13:00 ChST 09/10/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 9/10/18 at 13:00 ChST, water levels along the coast of Guam are at or slightly above normal tide levels by half a foot or less. Winds are increasing and range between 10 to 25 knots, with gusts to 35 knots. Barometric pressure has begun to fall rapidly.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time information for select stations affected by this storm, please visit Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CMF

Select National Weather Service Guam Advisory Information:

Typhoon Mangkhut (26W) Advisory Number 13
National Weather Service Tiyan GU WP262018
1234 PM ChST Mon Sep 10 2018

...MANGKHUT STEADILY MOVING TOWARD ROTA...

CHANGES WITH THIS ADVISORY

None.

WATCHES AND WARNINGS

A Typhoon Warning remains in effect for Guam, Rota, Tinian, Saipan and adjacent coastal waters in the Mariana Islands.

Typhoon conditions, including destructive winds of 74 mph or more, are expected this afternoon at all locations. Rota can expect a direct or near direct hit by a Category 2 typhoon with winds to 100 mph or more. Preparations should now be completed.

SUMMARY OF 100 PM CHST...0300 UTC...INFORMATION

Location...14.4N 146.6E

About 75 miles southeast of Saipan
About 80 miles east-southeast of Tinian
About 95 miles east-northeast of Rota
About 140 miles east-northeast of Guam
About 235 miles south-southeast of Alamagan

Maximum sustained winds...90 mph
Present movement...west...260 degrees at 21 mph

DISCUSSION AND OUTLOOK

At 100 PM CHST...0300 UTC...the center of Typhoon Mangkhut (26W) will be located near Latitude 14.4 degrees North and Longitude 146.6 degrees East. Typhoon Mangkhut (26W) is moving toward the west at 18 mph. It is expected to maintain this general course with a slight decrease in forward speed over the next 24 hours. This will take

Mangkut over or just north of Rota between 4 and 6 PM this afternoon.

Maximum sustained winds remain at 90 mph. Typhoon Mangkhut (26W) is forecast to intensify over the next few days. Winds are expected to increase to around 100 mph as it passes Rota.

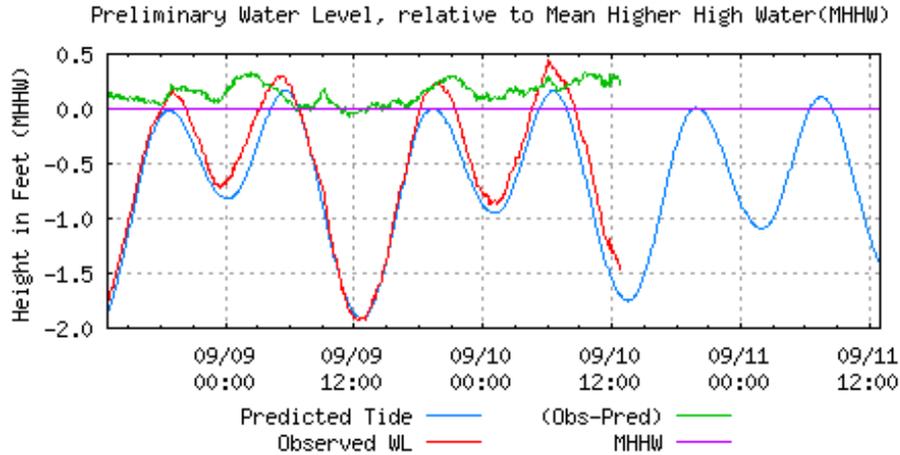
Typhoon force winds extend outward from the center up to 40 miles. Tropical storm force winds extend outward from the center up to 145 miles to the north and up to 100 miles to the south.

Kleeschulte

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



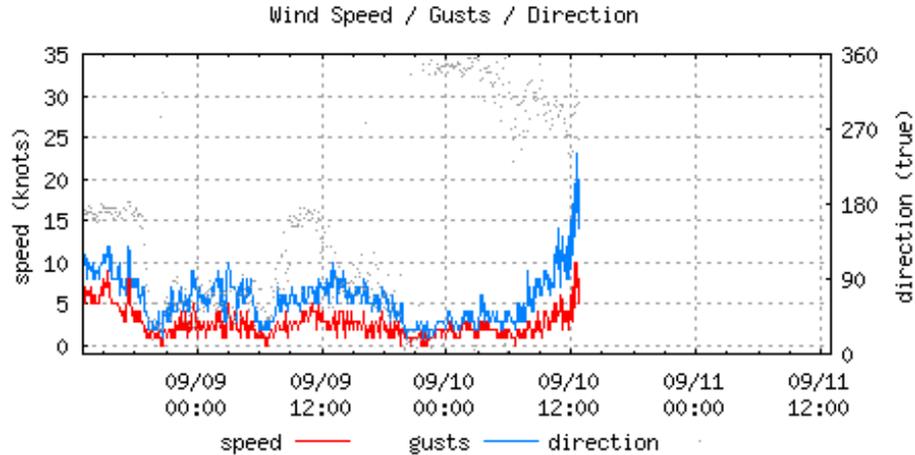
Last Observed Sample: 09/10/2018 12:48 (ChST). Data relative to MHHW

Observed: -1.47 ft. Predicted: -1.70 ft. Residual: 0.23 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 09/10/2018 19:52 (ChST), 0.01 ft.

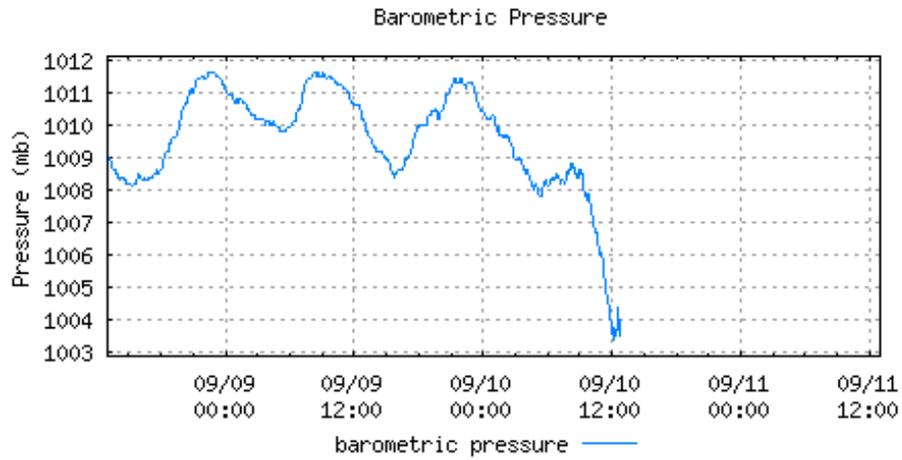
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/10/2018 12:48 (ChST)

Wind Speed: 5 knots Gusts: 14 knots Direction: 257° T

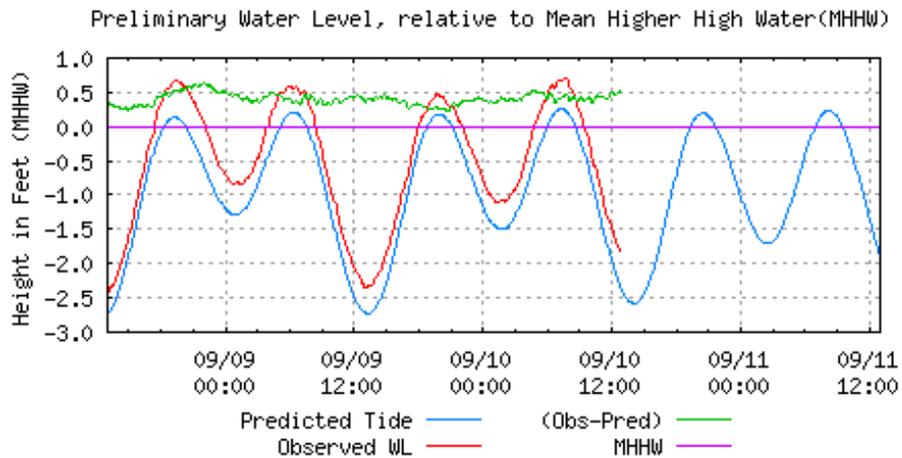
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/10/2018 12:48 (ChST)

Barometric Pressure: 1003.5 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



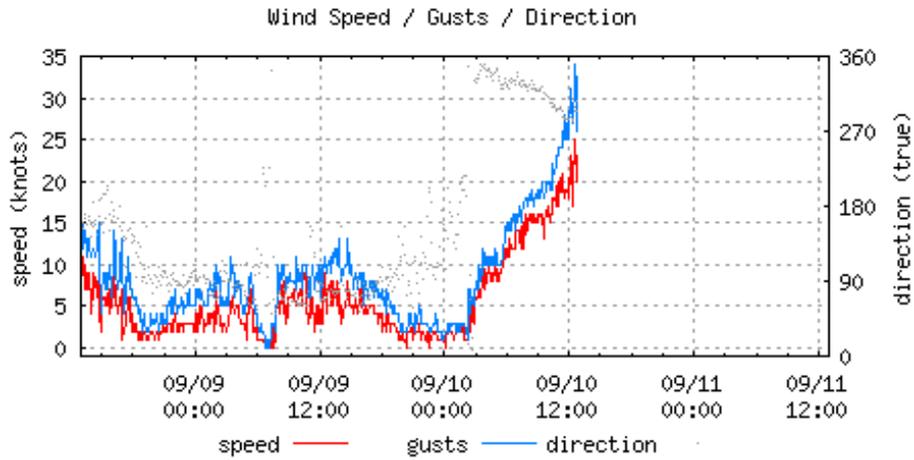
Last Observed Sample: 09/10/2018 12:48 (ChST). Data relative to MHHW

Observed: -1.82 ft. Predicted: -2.34 ft. Residual: 0.52 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 09/10/2018 20:29 (ChST), 0.20 ft.

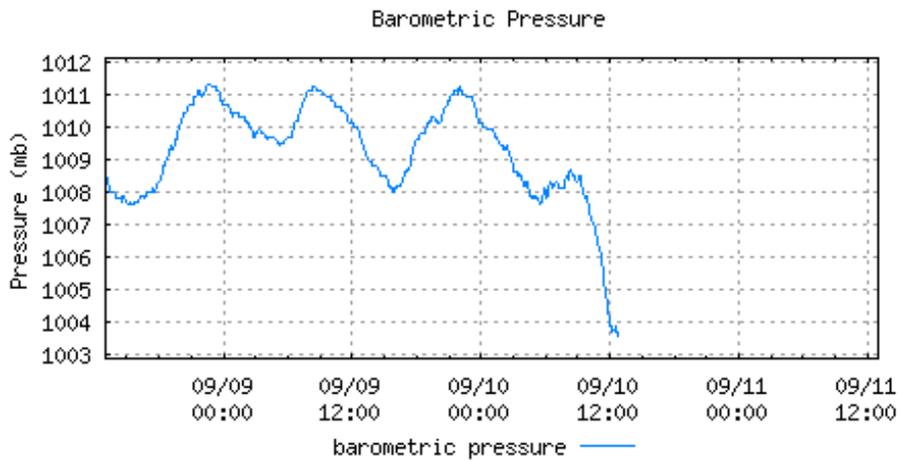
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 09/10/2018 12:48 (ChST)

Wind Speed: 20 knots Gusts: 26 knots Direction: 306° T

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 09/10/2018 12:48 (ChST)

Barometric Pressure: 1003.6 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	09/10/2018 12:48 (ChST)	-1.47 ft	-1.70 ft	0.23 ft	0.44 ft
1630000	Apra Harbor, Guam	09/10/2018 12:48 (ChST)	-1.82 ft	-2.34 ft	0.52 ft	0.71 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce